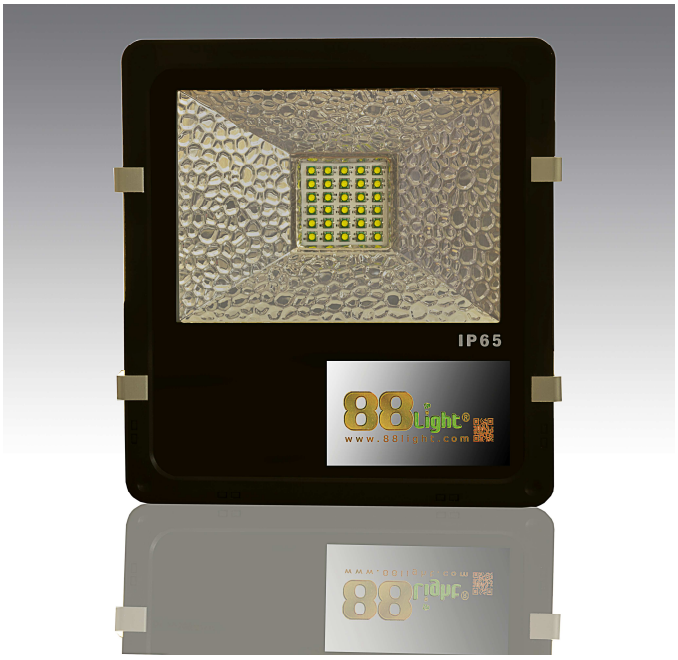
LED FLOODLIGHTS



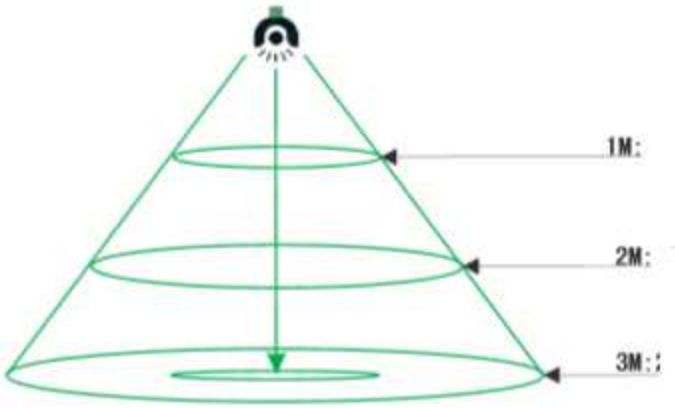
Constructed of a rigid waterproof housing, this LED floodlight is an ideal outdoor lighting option for hotels, stages, parks, plazas, commercial buildings facade, mosques, museums, art galleries, historical buildings, Factories, gymnasiums, yards, advertising boards, buildings, lawns, garden designs and some other outdoor places where need spot lighting and lights decoration. The high-power LED floodlight guarantees uniform light output and a low energy consumption. It boasts a long service life and requires little maintenance.

Applications:

PRODUCT FEATURES

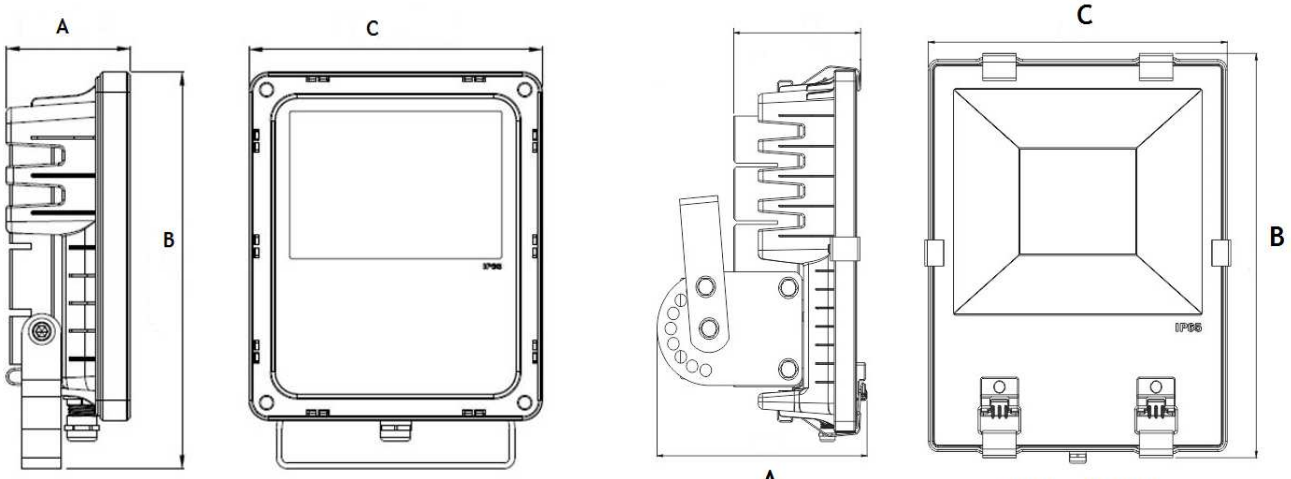
1. Adopt the modern aesthetic streamline design, compact in structure and nice in appearance.
2. Reliable aluminum alloy corrugated-fin composition, increasing the cooling area at utmost, reducing the light weight a lot.
3. Adopt high quality-high efficiency constant current driver, to ensure the products' stability, also to reduce the power consumption greatly.
4. With high-quality SMD LED light source. A long lifespan. Lower temperatures. Without causing any flickering, helpful to protect the eyes
5. No mercury and lead.
6. No UV.
7. No infrared No radiation.

ILUMINANCE DIAGRAM



MODEL	1M [Lx]	2M [Lx]	3M [Lx]	Notes
88L-FL-10W-011	255	65	29	
88L-FL-20W-021	465	120	55	
88L-FL-30W-031	735	175	85	
88L-FL-50W-051	1075	270	120	
88L-FL-70W-071	1575	395	175	
88L-FL-100W-101	2650	295	105	
88L-FL-150W-151	4280	475	175	
88L-FL-200W-201	5850	650	235	

PRODUCT DIAGRAM



MODEL	DEEPTH [A] (mm)	HEIGHT [B] (mm)	LENGHT [C] (mm)	LED
88L-FL-10W-011	96	210	170	Genesis x 9
88L-FL-20W-021	116	253	215	Genesis x 20
88L-FL-30W-031	116	253	215	Genesis x 30
88L-FL-50W-051	140	300	240	Genesis x 50
88L-FL-70W-071	310	185	350	Genesis x 70
88L-FL-100W-101	345	350	395	Genesis x 100
88L-FL-150W-151	405	265	460	Genesis x 150
88L-FL-200W-201	430	255	470	Genesis x 200

Note: The dimensions of the floodlights doesn't change with the temperature color.

TECHNICAL DATA

Electrical data:

Part number	Input Voltage [Vac]	Temperature [°]	Base	Power Factor	Chip	Dimmable [Y/N]	IP grade
88L-FL-10W-011-WW	100 - 240	-20 ~ +50	cable	0.5	Genesis	N	IP65
88L-FL-10W-011-NW	100 - 240	-20 ~ +50	cable	0.5	Genesis	N	IP65
88L-FL-10W-011-CW	100 - 240	-20 ~ +50	cable	0.5	Genesis	N	IP65
88L-FL-10W-011-R	100 - 240	-20 ~ +50	cable	0.5	Genesis	N	IP65
88L-FL-10W-011-G	100 - 240	-20 ~ +50	cable	0.5	Genesis	N	IP65
88L-FL-10W-011-B	100 - 240	-20 ~ +50	cable	0.5	Genesis	N	IP65
88L-FL-20W-021-WW	100 - 240	-20 ~ +50	cable	0.9	Genesis	N	IP65
88L-FL-20W-021-NW	100 - 240	-20 ~ +50	cable	0.9	Genesis	N	IP65
88L-FL-20W-021-CW	100 - 240	-20 ~ +50	cable	0.9	Genesis	N	IP65
88L-FL-20W-021-R	100 - 240	-20 ~ +50	cable	0.9	Genesis	N	IP65
88L-FL-20W-021-G	100 - 240	-20 ~ +50	cable	0.9	Genesis	N	IP65
88L-FL-20W-021-B	100 - 240	-20 ~ +50	cable	0.9	Genesis	N	IP65
88L-FL-30W-031-WW	100 - 240	-20 ~ +50	cable	0.9	Genesis	N	IP65
88L-FL-30W-031-NW	100 - 240	-20 ~ +50	cable	0.9	Genesis	N	IP65
88L-FL-30W-031-CW	100 - 240	-20 ~ +50	cable	0.9	Genesis	N	IP65
88L-FL-30W-031-R	100 - 240	-20 ~ +50	cable	0.9	Genesis	N	IP65
88L-FL-30W-031-G	100 - 240	-20 ~ +50	cable	0.9	Genesis	N	IP65
88L-FL-30W-031-B	100 - 240	-20 ~ +50	cable	0.9	Genesis	N	IP65
88L-FL-50W-051-WW	100 - 240	-20 ~ +50	cable	0.95	Genesis	N	IP65
88L-FL-50W-051-NW	100 - 240	-20 ~ +50	cable	0.95	Genesis	N	IP65
88L-FL-50W-051-CW	100 - 240	-20 ~ +50	cable	0.95	Genesis	N	IP65
88L-FL-70W-071-WW	100 - 240	-20 ~ +50	cable	0.95	Genesis	N	IP65
88L-FL-70W-071-NW	100 - 240	-20 ~ +50	cable	0.95	Genesis	N	IP65
88L-FL-70W-071-CW	100 - 240	-20 ~ +50	cable	0.95	Genesis	N	IP65
88L-FL-100W-101-WW	100 - 240	-20 ~ +50	cable	0.95	Genesis	N	IP65
88L-FL-100W-101-NW	100 - 240	-20 ~ +50	cable	0.95	Genesis	N	IP65
88L-FL-100W-101-CW	100 - 240	-20 ~ +50	cable	0.95	Genesis	N	IP65
88L-FL-150W-151-WW	100 - 240	-20 ~ +50	cable	0.95	Genesis	N	IP65
88L-FL-150W-151-NW	100 - 240	-20 ~ +50	cable	0.95	Genesis	N	IP65
88L-FL-150W-151-CW	100 - 240	-20 ~ +50	cable	0.95	Genesis	N	IP65
88L-FL-200W-201-WW	100 - 240	-20 ~ +50	cable	0.95	Genesis	N	IP65
88L-FL-200W-201-NW	100 - 240	-20 ~ +50	cable	0.95	Genesis	N	IP65
88L-FL-200W-201-CW	100 - 240	-20 ~ +50	cable	0.95	Genesis	N	IP65

Absolute rating @ 25°C

Ambient temperature: -20 ~ +55°C / Storage temperature: -40 ~ 65°C / Relative Humidity: 5 ~ 95% / Atmosphere Pressure: 70 ~ 106KPa.

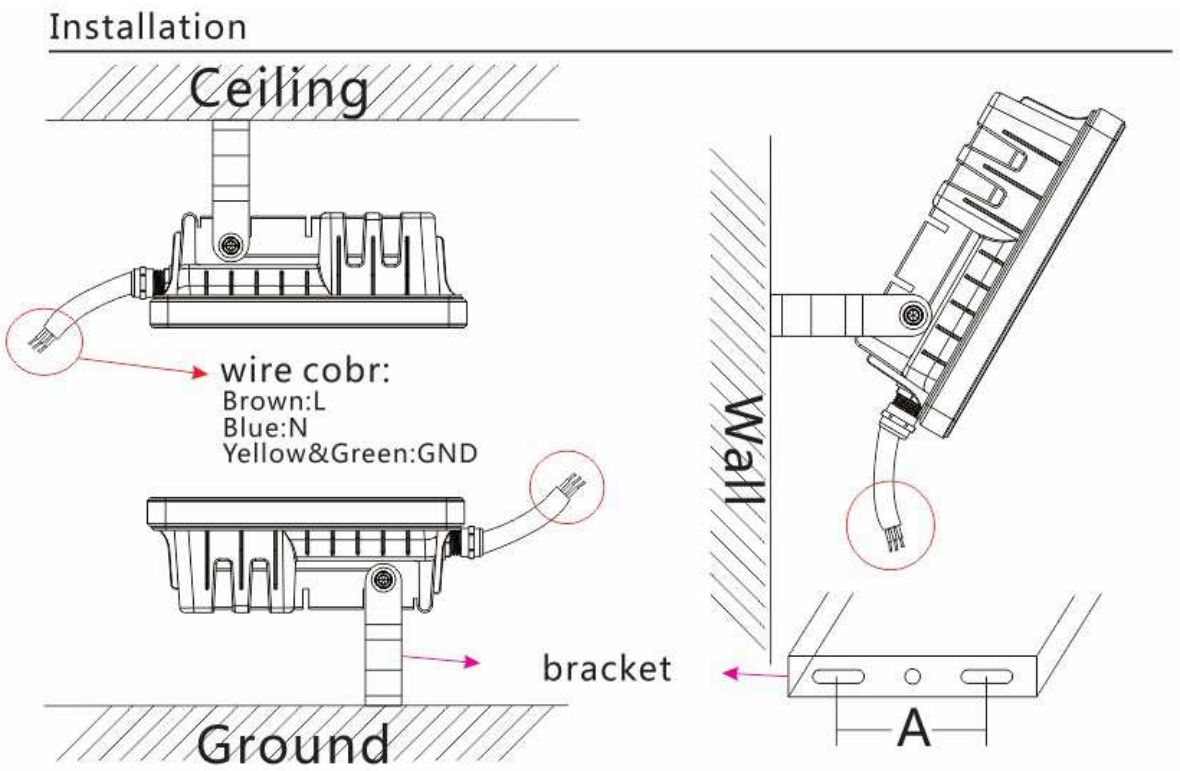
TECHNICAL DATA

Optical Characteristics:

Part number	Power [W/m]	Color Temperature [°K]	Color	Luminous Flux/meter [lm / m]	Beam angle [°]	CRI [Ra]	LED qty.
88L-FL-10W-011-WW	10	3000	Warm White	325	100	80	9
88L-FL-10W-011-NW	10	4000	Natural White	340	100	80	9
88L-FL-10W-011-CW	10	6000	Cool White	360	100	80	9
88L-FL-10W-011-R	10	--	Red	120	100	80	9
88L-FL-10W-011-G	10	--	Green	240	100	80	9
88L-FL-10W-011-B	10	--	Blue	60	100	80	9
88L-FL-20W-021-WW	20	3000	Warm White	325	100	80	20
88L-FL-20W-021-NW	20	4000	Natural White	340	100	80	20
88L-FL-20W-021-CW	20	6000	Cool White	360	100	80	20
88L-FL-20W-021-R	20	--	Red	120	100	80	20
88L-FL-20W-021-G	20	--	Green	240	100	80	20
88L-FL-20W-021-B	20	--	Blue	60	100	80	20
88L-FL-30W-031-WW	30	3000	Warm White	325	100	80	30
88L-FL-30W-031-NW	30	4000	Natural White	340	100	80	30
88L-FL-30W-031-CW	30	6000	Cool White	360	100	80	30
88L-FL-30W-031-R	30	--	Red	120	100	80	30
88L-FL-30W-031-G	30	--	Green	240	100	80	30
88L-FL-30W-031-B	30	--	Blue	60	100	80	30
88L-FL-50W-051-WW	50	3000	Warm White	325	100	80	50
88L-FL-50W-051-NW	50	4000	Natural White	340	100	80	50
88L-FL-50W-051-CW	50	6000	Cool White	360	100	80	50
88L-FL-70W-071-WW	70	3000	Warm White	325	100	80	70
88L-FL-70W-071-NW	70	4000	Natural White	340	100	80	70
88L-FL-70W-071-CW	70	6000	Cool White	360	100	80	70
88L-FL-100W-101-WW	100	3000	Warm White	325	100	80	100
88L-FL-100W-101-NW	100	4000	Natural White	340	100	80	100
88L-FL-100W-101-CW	100	6000	Cool White	360	100	80	100
88L-FL-150W-151-WW	150	3000	Warm White	325	100	80	150
88L-FL-150W-151-NW	150	4000	Natural White	340	100	80	150
88L-FL-150W-151-CW	150	6000	Cool White	360	100	80	150
88L-FL-200W-201-WW	200	3000	Warm White	325	100	80	200
88L-FL-200W-201-NW	200	4000	Natural White	340	100	80	200
88L-FL-200W-201-CW	200	6000	Cool White	360	100	80	200

Note: Absolute ratings @ 25°C

PRODUCT INSTALLATION



Step 1, Power must be cut off before installation, Do not attempt to follow this with the power on.

Step 2, Install two screws according to position A as is indicated in the diagram.

Step 3, Connect the blue cable to L line, brown with N line and yellow green wires with Earth line.

Step 4, Turn it on when it's connected properly

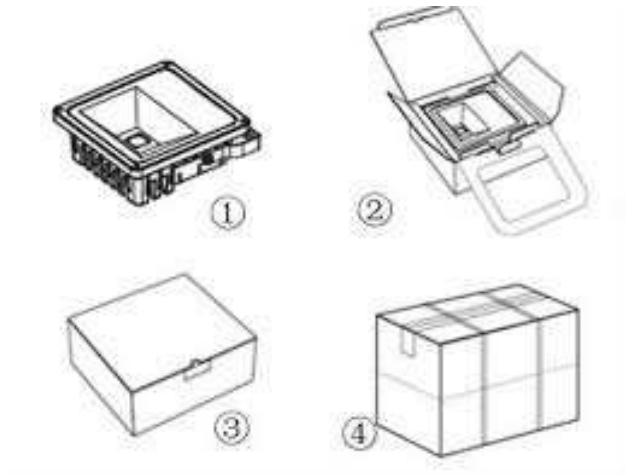
SAFETY

1. Read the user's manual in details, make sure the environment conditions fits the requests.
2. Cut the power off before installation.
3. Do not touch the exposed wires when it's running on.
4. Make sure wires are protected by insulating tape.
5. Do not install this waterproof LED floodlight in ambient where has high temperature over like 55 celsius degree or over corrosive gas.
6. Indoor & outdoor use.
7. Don't throw away casually

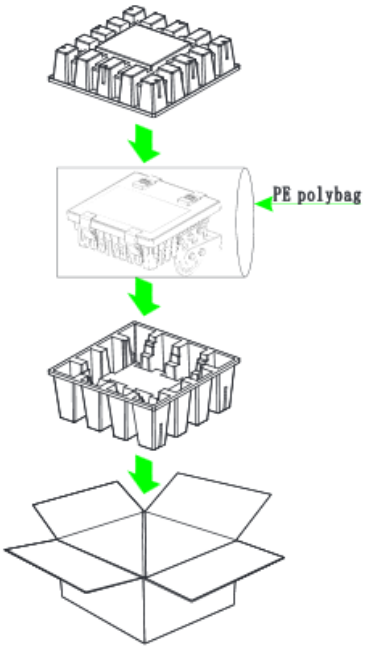
PACKING

ITEM	NET WEIGHT [Kg]	BOX PER ITEM			CARTON		
		Dimension L x W x H [mm]	Gross Weight [Kg]	Qty. [pcs/box]	Dimension L x W x H [mm]	Gross Weight [Kg]	Qty. [box/carton]
88L-FL-10W-011	0.65	170 X 96 X 215	0.80	1	520 X 440 X 400	20.5	24
88L-FL-20W-021	1.05	215 x 116 x 253	1.30	1	515 x 440 x 363	17.0	12
88L-FL-30W-031	1.35	215 x 116 x 253	1.55	1	515 x 440 x 363	19.5	12
88L-FL-50W-051	1.95	240 x 140 x 300	2.15	1	490 x 305 x 435	14.5	6
88L-FL-70W-071	3.20	350 x 310 x 185	3.70	1	565 x 320 x 360	12.0	3
88L-FL-100W-101	4.35	395 x 345 x 250	5.85	1	510 x 355 x 410	13.0	2
88L-FL-150W-151	5.35	405 x 400 x 265	7.00	1			
88L-FL-200W-201	8.40	470 x 430 x 255	10.60	1			

PACKING



10W ~ 100W



150W ~ 200W

Other 88Light products:

For more information about 88Light products, or to use our online energy saving calculation software please visit our website www.88light.com

Disclaimer:

88Light reserves the right to modify the design of our products as part of the company's program of continuous improvement. 88Ligth cannot guarantee to match existing installed product for subsequent orders or replace the product exactly to match the product you are replacing in product appearance, color, or brightness. Specifications are subject to change without notice.